

Message Text

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ACTION EB-06

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C O N F I D E N T I A L SECTION 01 OF 03 OECD PARIS 24226

EXCON

E.O. 11652: XGDS1

TAGS: ESTC, COCOM

SUBJECT: REVIEW OF IL 1565 - COMPUTERS

REF: COCOM DOC. REV (71) 1565/15

SUMMARY: THIS MESSAGE REPORTS DEVELOPMENTS AT OPENING SESSION OF COCOM REVIEW OF COMPUTER CONTROLS. COMMITTEE AGREED TO DEAL FIRST WITH US PROPOSAL. DIFFICULTIES AROSE WITH US SUGGESTIONS FOR ADDITIONAL SPECIFIED COVERAGE OF COMMUNICATIONS SECURITY ASPECTS, RUGGEDIZED EQUIPMENT NOT TIED TO MILSPECS, AND STATUS OF COVERAGE OF CATHODE RAY TUBE DISPLAYS WHICH ARE NOW "EXCLUDED" FROM PRESENT DEFINITION. ACTION REQUESTED: TRANSMISSION OF INSTRUCTIONS ON POINTS DETAILED IN TEXT. END SUMMARY.

1. US PROPOSAL (REF A) TAKEN AS STARTING POINT FOR DISCUSSIONS ON IL 1565. IN SOME GENERAL OPENING REMARKS ON PROPOSAL, FRENCH DEL INDICATED THAT PROPOSAL INCLUDED BOTH TECHNICAL AND POLITICAL ISSUES (PARAMETERS AND SECURITY SAFEGUARDS, I.E., CONDITIONS) AND THEY WOULD FIND IT DIFFICULT TO ACCEPT NOTE 5(D) AND (E) BECAUSE OF MONTHLY VISITS AND DIFFERENTIAL REAPPEARS. US STATED THAT NO DIFFERENTIAL IMPLIED AND ISSUE DID NOT SEEM TO RAISE DIFFICULTIES WITH OTHERS. NETHERLANDS
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DEL RAISED ISSUE OF NEEDING SIMPLE AND EFFECTIVE CON-

TROLS ON US PROPOSAL. NEEDS TO BE MODIFIED TO PERMIT
POCKET CALCULATORS TO BE EXPORTED, OTHERS ALSO CONCURRED.

2. US PROPOSAL REVIEWED POINT-BY-POINT WITH NO INTEN-
TIONS OF TAKING FINAL POSITIONS AT THIS POINT. HEADING
AND SUB-ITEMS (A) AND (B) SKIPPED SINCE THEY ARE UN-
CHANGED. ON HEADING OF SUB-ITEM (C). NETHERLANDS DEL
SUGGESTED THAT PHRASE " AND EQUIPMENT AND SYSTEMS..."
BE PLACED AS END OF (C) TO PARALLEL PRESENT SUB-ITEM
(E). US WILL CONSIDER.

3. ON SUB-ITEM (C)(2), FRG DEL INDICATED ALL MANUFAC-
TURERS REQUIRED BY NATIONAL COMMUNICATIONS AUTHORITIES
TO LIMIT RADIATIONS THEREFORE ALL COMPUTERS WOULD BE
EMBARGOED. NETHERLANDS DEL SUGGESTED ADDITION OF
WORDING "TO SPECIFIC MILITARY REQUIREMENTS" AT END OF
(C)(2). FRENCH DEL INDICATED TWO TYPES OF SHIELDING,
ONE TO DESIGN INTO EQUIPMENT AND SECOND TO PLACE EQUIP-
MENT IN FARADAY SHIELD. FRENCH ASKED IN LATTER CASE,
SINCE BOTH EQUIPMENT AND FARADAY SHIELD COULD BE EXPORTED
WHAT WOULD US PROPOSAL ACTUALLY COVER. FRENCH COULD
ACCEPT SUB-ITEM IF PROPERLY DEFINED. UK SAID SOME COM-
PUTERS WERE SPECIALLY SHIELDED WHEN USED IN HOSPITALS
TO PROTECT EKG AND OTHER LOW LEVEL BIOSIGNALS. NETHER-
LANDS SAID SOME COMMUNICATION SWITCHING COMPUTERS HAVE
TIGHT INTERFERENCE SPECS AND DID US WANT TO COVER THESE.
ALSO SOME AIRLINE COMPUTERS WERE SHIELDED TO PREVENT
INTERFERENCE WITH NEVIGATION SYSTEMS AND WHAT ABOUT
THESE. US STATED TO ABOVE, THAT THEY WERE NOT INTENDING
TO COVER EQUIPMENT DESIGNED TO REDUCE INTERFERENCE
OF COMMERCIAL EQUIPMENT. ALSO THIS PROBLEM WAS UNDER
STUDY IN US AND US HOPED TO HAVE ALTERNATE WORDING
BY WEDNESDAY.

4. COMMENT: APPARENTLY THERE ARE MANY DIFFERENT
SPECIFICATIONS AND IT MIGHT BE DIFFICULT TO GET SIMPLE
DEFINITION. WHAT ABOUT ADDING WORDS "EXCLUDING EQUIP-
MENT DESIGNED TO MEET GOVERNMENT CIVIL INTERFERENCE
SPECIFICATIONS". NEED ANSWER BY WEDNESDAY.

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5. ON SUB-ITEM (C)(3), GERMANS HAD DIFFICULTY WITH
"TECHNIQUES INCLUDING SOFTWARE" BUT COULD ACCEPT OTHER
POSITIONS. SEVERAL DELS ASKED WHY SUB-ITEM NEEDED SINCE
EQUIPMENT COVERED BY IL 1527. FRENCH DEL ASKED IF US
COULD ACCEPT "EQUIPMENT COVERED BY IL 1527" INSTEAD
OF PROPOSED WORDING. AFTER CONSIDERABLE DISCUSSIONS,
IT LOOKED LIKE THE TONE LEADING TO POSSIBILITY THAT US
MIGHT LOSE COVERAGE. ALSO, US DEL DID NOT DARE SAY THAT

ITEMS DISCRIBED UNDER (C)(3) WERE NOT COVERED BY IL 1527.

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C O N F I D E N T I A L SECTION 02 OF 03 OECD PARIS 24226

AS A RESULT, US STATED AND PLACED ON RECORD THAT IT
COULD DROP SUB-ITEM (C)(3) SINCE THEY WERE COVERED UNDER
IL 1527.

6. COMMENT: US DEL NEEDS YOUR AGREEMENT TO DROP SUB-
ITEM (C)(3) BY WEDNESDAY OR ANY OTHER INSTRUCTIONS AS
TO HOW TO DEAL WITH SUB-ITEM.

7. ON SUB-ITEM (C)(4), NETHERLANDS DEL HAD DIFFICULTY
WITH "RUGGEDIZED USE" SINCE IT IDENTIFIED EQUIPMENT
BY END-USE RATHER THAN EQUIPMENT CHARACTERISTICS. ALSO
INDICATED THAT "RUGGED USE" MIGHT BE ACCEPTABLE BUT
INDICATED DIFFICULTIES SINCE HAND CALCULATORS WERE
RUGGIDIZED. FRENCH DEL SUGGESTED USE OF IL 1584 (A) (3)
WORDING "RUGGEDIZED TO MEET MILITARY SPECIFICATIONS."
UK AND CANADIAN DELS AGREED. UK STATED THAT RUGGEDIZED
ONLY HAS MEANING IN TERMS OF MILITARY SPECS. US INDI-
CATED THAT IT WAS CONCERNED WITH EQUIPMENT DESIGNED
FOR SPECIAL COMMERCIAL APPLICATIONS WHICH WERE SUFFI-
ICIENTLY RUGGED TO MEET MILITARY FIELD REQUIREMENTS
WITHOUT ACTUALLY BEING DESIGNED TO MILITARY SPECS. US

STATED IT WOULD TAKE COMMENTS UNDER ADVISEMENT AND PROPOSE ALTERNATE WORDING LATER IN WEEK. DUTCH DEL ECHOED UK DESIRE TO TIE TERM "RUGGEDIZED" TO MILSPECS, CONFIDENTIAL

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NOTING THAT COMPUTERS USED IN SUCH DIFFICULT ENVIRONMENTS AS MACHINE SHOPS (FOR NUMERICAL CONTROLS) OR CHEMICAL PLANTS (FOR PROCESS CONTROL) MIGHT BE CONSIDERED "RUGGEDIZED" AND HENCE EXCLUDED FROM POSSIBLE NOTE TREATMENT.

8. COMMENT: BASIC PROBLEM SEEMS ONE OF DEFINING "RUGGEDIZED" INDEPENDENT OF MILITARY SPECS. COULD US ACCEPT WORDING SUCH AS "RUGGEDIZED TO MEET MILITARY SPECIFICATIONS" OR "RUGGEDIZED AND CAPABLE OF MEETING MILITARY SPECIFICATIONS"? EITHER WOULD BE FOLLOWED BY "OR MODIFIED FOR MILITARY USE".

9. SUB-ITEM (C)(5) WAS NOT DISCUSSED SINCE DISCUSSION ON (C)(3) ABOVE. US DEL WILL BE GUIDED BY INSTRUCTIONS ON (C)(3).

10. ON SUB-ITEM (D), NETHERLANDS DEL RAISED ISSUE ON INCLUSION IN HEADING OF WORDS "WITH FIXED... DEVICES" SINCE IT APPEARED TO RELAX EMBARGO BY MODIFYING "COMPUTERS". US STATED THAT THIS OBVIOUSLY WAS NOT THE INTENT. US SUGGESTED TO MODIFY SUB-ITEM (D)(2) TO READ "HAVING A MEMORY CAPABLE OF STORING MORE THAN 512 NUMERICAL AND/OR ALPHABETICAL CHARACTERS OR 2048 BITS IN FIXED OR ALTERABLE MEMORY". JAPANESE DEL PROPOSED CHANGING LIMITS SO THAT CALCULATORS WITH UP TO 131 K BITS AND A PDR OF 0.04 OR UP TO 16 K BITS AND ANY VALUE OF PDR WOULD NOT BE EMBARGOED. US STATED MOST STRONGLY THAT IT COULD NOT ACCEPT ANY WEAKENING OF ANY PART OF THIS DEFINITION BECAUSE IT CONTROLLED THE COVERAGE OVER TECHNOLOGY AND ALSO ABOVE NUMBERS WOULD RELEASE SMALL MILITARY COMPUTERS. HOWEVER, US RECOGNIZED THE NEED TO MAKE ADJUSTMENTS FOR DEALING WITH CALCULATORS AND SMALL OFFICE PROCESSORS. TECHNICAL EXPERTS WILL MEET TOMORROW TO WORK OUT NEW WORDING.

11. ON SUB-ITEM (E), ALL DELS QUESTIONED THE COVERAGE OF CRT DISPLAYS UNDER PRESENT IL 1565(D)(5). APPARENTLY IN THEIR VIEW THE EXCLUSION CLAUSE IN (D)(5) FREES

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THOSE CRTS FROM EMBARGO AND THEREFORE US PROPOSAL RE-
EMBARGOING SOMETHING WHICH THEY HAVE BEEN
SHIPPING FOR SEVERAL YEARS. US MADE STRONG PRESENTATION
THAT CRT DISPLAYS WERE EMBARGOED AND PROPOSAL MADE NO
CHANGE. AFTER LONG DISCUSSIONS ON LOGIC OF FORM AND
MEANING OF LIST US REQUESTED POSTPONEMENT UNTIL
WEDNESDAY TO GIVE IT TIME TO STUDY RECORD OF 1968 LR
TO CLARIFY ISSUES.

12. COMMENT: APPARENTLY MOST IF NOT ALL DELS CON-
SIDER EXCLUDED CRTS NOT EMBARGOED AND ARE EXPORTING
THEM. PROBABLY LR RECORD WILL BE AMBIGUOUS AS
TO THIS POINT. THEREFORE WE MUST EITHER ADMIT THEY
ARE NOT CONTROLLED OR BE ABLE TO MAKE CASE REGARDLESS
OF PRESENT SITUATION.

13. SUB-ITEMS (G) AND (H) NOT DISCUSSED SINCE THEY WERE
CONTINGENT ON RESOLVING SOME OF THE ABOVE ISSUES. NONE
OF THE NOTES WERE DISCUSSED.

14. ACTION REQUESTED: WASHINGTON REACTION TO POINTS
RAISED IN PARAGRAPHS 4, 6, 8, AND 12 ABOVE.

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